

You've Never Seen Anything Like This Before.

Measurement Specialties, Inc. introduces Park-Zone-an innovative, precision-parking device which provides solutions for depth perception and overcrowding in the home garage environment.

High tech; low maintenance; and easy to install. Park-Zone utilizes space-age technology and is adaptable to all vehicles. While set-up is virtually effortless, please read the instructions carefully.

Operation of Park-Zone is analogous to that of a traffic-light. A green light illuminates upon entering the garage, a yellow light cautions the approach, and a red light comes on when you are precisely in the *park* zone.

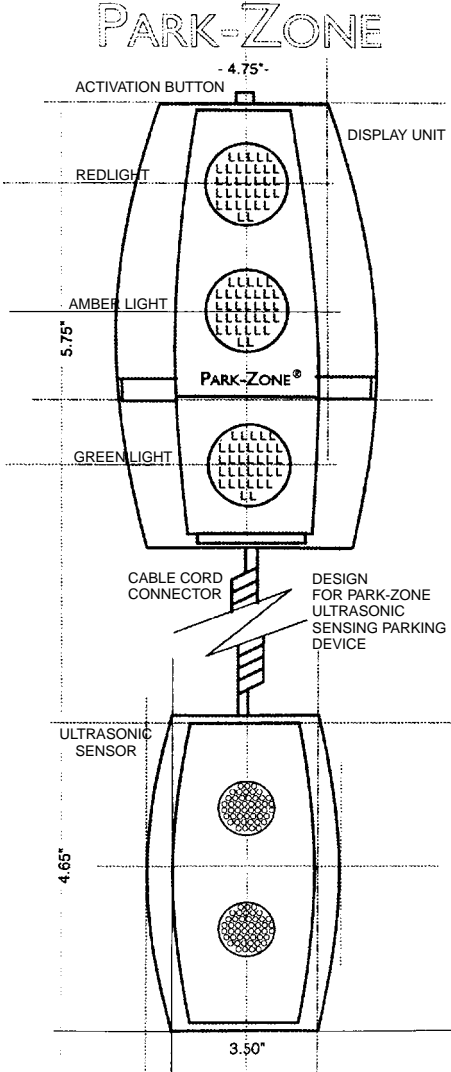
Park-Zone's Ultrasonic Transducer (the sensor) is active at all times. If you listen carefully, the pinging sound of the sensor is barely audible.

Each ping represents a sound wave, which determines, i) if there is a vehicle within the sensing range, and ii) how far the vehicle is from the wall as it approaches.

The brains behind the entire operation is an advanced on-board microcontroller which controls the timing and function of each mode as well as the 'shifts' from one mode to the other.

Parts and Specifications.

<b>Display unit</b>	
Operating Voltage	2-5.5V
Operating Current	4ma-LEDs off; 20ma on
Operating Temp.	0°C~60°C
Circuitry	100% Solid Stale (both units)
Controller	Microprocessor
Case Parts	ABS Plastic (both units)
Dimensions	5.75 X 4.75 X 1.5 inches
<b>Sensor Unit</b>	
Operating Voltage	4.6V-6.2V
Operating Current	60ma average, 200ma peak
Operating Temp	0°C~60°C
Sensor	Ultrasonic Transducer
Dimensions	4.65 X 3.5 X 1.08 inches
<b>Parts included</b>	
5' Modular Coiled Cord (solid copper conductors), four screws	
<b>AC/DC Adapter</b>	
UL approved ( <i>PlatinumOnly</i> )	

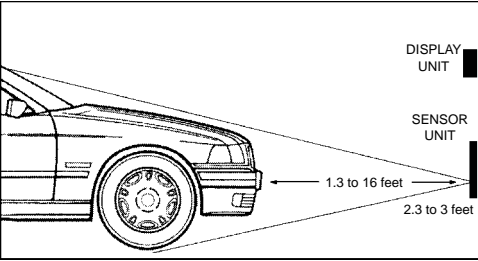


Installation Instructions.

One of Park-Zone's defining features is it's ease of installation. With for AA batteries (not included) and/ or an AC Adapter included with the Platinum Edition, there's no hassles. The components come right out of the box and onto the back wall of the garage. Just follow these five easy steps. The set-up time for installation in focus groups averaged under 90 seconds.

Step 1.

Park your car in the desired location in your garage, preferably, with the aid of a friend or family member. *Note: The range of the sensing unit is 1.3 to 16 feet.* We recommend that you never leave less than 1.3 feet between your bumper and the wall.



Step 2.

The display unit should be mounted comfortably within the driver's field- of -vision. Once the height is determined, insert two of the four screws, included, into the wall. *Use the templates on the following page as hole-guides for both units.*

Step 3.

The sensor unit is mounted (with its connector facing up) directly below the display unit, usually about 2.3 to 3 feet off the ground Different vehicles may trigger the sensor at different points; a slight adjustment may be necessary.

Step 4.

With both units securely mounted, connect the units with the cable cord (included). Plug into the appropriate connectors on the Units. Platinum Edition Owners opting for AC power should not install batteries.

Note: While it is strongly recommended that you use the included cable, you may have reason to purchase a different length. Make sure that it meets the same electrical specifications (see specs inside first page). An inappropriate cable will cause damage to Park-Zone's complex circuitry.

Step 5.

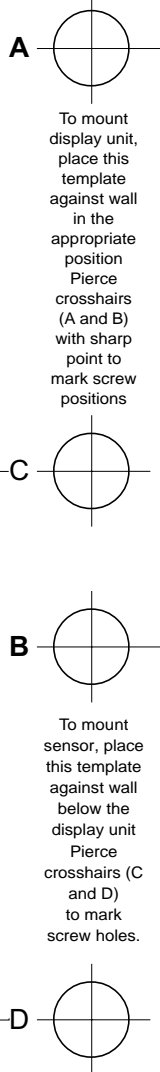
With the units installed and the car in place, depress the ON/OFF activation button on top of the display unit. Make sure the path between the vehicle and the sensor unit is clear of obstructions, such as a bicycle, trash can, sports gear, people, etc.

The flashing of all three LED's in sequence conveys that the unit has successfully been calibrated and that the set distance has been programmed into the memory.

It's that simple.

The Perfect Park.

Park-Zone is now set to guide you into your garage every time you park your car, for approximately one year without ever having to change batteries, or shutting off the unit.



MEASUREMENT SPECIALTIES, INC.  
Attn: Park-Zone Registration  
1000 Lucas Way  
Hampton, VA 23666

Park-Zone Registration Card

Thank you for taking the time to fill out the registration card. This information is important to us in evaluating the various aspects of our product and the people who purchase it.

☐ Mr.    ☐ Mrs.    ☐ Ms.    ☐ Miss

Name (First/Middle Initial/Last)

Address

CityState

ZipPhone (  )

Email

Date of Purchase

Store Name

Tell Us A Little About Yourself

AGE: ☐ 18-24    ☐ 35-44    ☐ 45-54    ☐ 55-64    ☐ 65+

How did you first learn of Park-Zone?

- ☐ Magazine Advertisement    ☐ Retail Store
- ☐ TV/Radio Advertisement    ☐ Other

What is your profession?

- ☐ Professional/Technical    ☐ Student
- ☐ Upper Management    ☐ Farmer
- ☐ Sales/Service/Middle Mgmt    ☐ Military
- ☐ Clerical/White Collar    ☐ Home Manager
- ☐ Labor/Blue Collar    ☐ Other

Make of Car/Year

For Help Please Call:

Measurement Specialties, Inc.  
1-800-236-6746

Modes of Operation

There are four modes of operation: Home-Mode, Away-Mode, Park-Mode, and Default-Mod. No matter what mode Park-Zone is in, the transducer is constantly on. Once your car is parked and the *park zone* calibrated, it's in the Home-Mode. The unit pings; verifying that your car is in the right spot. This calibration can only be erased by depressing the Activation button. While away from home, Park-Zone enters the Away-Mode and becomes more active. Whenever entering the garage, Park-Zone senses your car and triggers the Park-Mode. In this mode, the ping rate escalates to its highest level. This ensures precision sensing and parking. The Park-Mode continues until the red light signifies a successful and accurate park. Subsequently, Park-Zone automatically returns to the Home-Mode.

*Be aware* that if you speed into the garage, the unit may not sense the vehicle until it is 4-7 feet away from it. Normal sensing range is greater, with a maximum range of 16 feet.

IT IS VERY IMPORTANT TO CHECK YOUR REACTION TIME BETWEEN SEEING THE RED LIGHT, YOUR FOOT-TO-PEDAL ACTION, AND YOUR ACTUAL STOPPAGE. THIS REACTION TIME MAY VARY FROM PERSON TO PERSON WHICH WILL AFFECT THE EXACT PARK-ZONE. IT IS RECOMMENDED TO ALLOW FOR A VARIANCE OF 6-12 INCHES DURING THE SET-UP; DEPENDING ON HOW FAST YOU PLAN TO PULL IN TO PARK. THE FASTER YOU GO, THE WIDER THE VARIANCE. ONLY PERSONAL USAGE AND EXPERIENCE CAN DETERMINE YOUR PERFECT SET-UP POSITION. AND DEPENDING ON WHERE POTENTIAL BARRIER OR DAMAGE ZONES EXIST (I.E. BACK WALL OR GARAGE DOOR), YOU MUST USE YOUR JUDGMENT IN ALLOWING A VARIANCE IN EITHER DIRECTION.

When exiting the garage, Park-Zone switches from the Home-Mode to the Park-Mode which acts as a transition to the Away-Mode. The only possible importance in this reverse Park-Mode is if you forgot something in the house and need to re-enter.

The dynamic park-Zone device also incorporates a Default-Mode which activates in rare circumstances, including but not limited to the following:

1. Your car breaks down or stalls on entry or exit.
2. If repairing your car i the garage, the unit is

- activated by slight movements (e.g. car lifted with jack).
3. A child playing; rides a bicycle to and from unit and/or leaving it in the middle of the garage.
4. Some other obstacle falls into or is placed unwittingly in the sensing range.

The above instances would be draining on the battery. The Default-Mode checks against such nuisances by automatically shutting off the LEDs after ninety seconds.

Battery Information

Batteries will last for approximately (1) one year. The red light flashing repeatedly is a warning that the batteries needs to be replaced. Turn off the unit depressing the ON/OFF Activation Button. Replace the batteries. Then, reactivate the unit (see instructions). When on vacation, the drainage indicator lasts up to two weeks.

**Platinum Edition Only:** If you choose to plug the unit into the wall after using it with batteries, you must reactivate the unit. (See Step 5.) Batteries do not serve as an override to the AC Adapter, or vice versa. **ANY TIME A POWER SOURCE CHANGE IS MADE, OR IN CASE OF A POWER OUTAGE, THE PLATINUM EDITION MUST BE RE-CALIBRATED.**

Trouble Shooting

- Q. Lights don't flash on entry. Transducer is mot pinging.  
A. *Check that the Activation button is ON and that cord is properly connected. If so, then replace cord [see specifications]. If that doesn't work, replace batteries. If problems continue, unit is damaged or malfunctioned.*
- Q. Lights do not accurately correspond to car's location. Park position is not at the set point.  
A. *Unit senses other objects in its path, or is placed in an improper location. Remove all obstacles from path. Make sure unit is centered in the space, so as mot to deflect off side walls. Lastly, make sure sensor is facing a flat surface, i.e. bumper, license plate. If it's too high, it will deflect off grill or car hood which skews the accuracy.*

Maintaining the Park-Zone Units.

An inspection should be performed at least once a year. It includes, but is not limited to checking mounting stability, cord condition, connections, general dusting/cleaning with a soft, damp cloth. DO NOT get transducer wet. Avoid build-up of dust or condensation.

Customer Service: 1(800)236-6746 M-F 9AM-5PM(EST).  
Measurement Specialties Inc.'s  
limited Warranty

Exeter Technologies, Inc. warrants this product to be free from defects in materials and workmanship for one (1) year from the date of original purchase by the consumer. If any such defect is discovered and returned within one year of the date it was purchased, we will replace it free of charge.

**To obtain warranty service, ship the unit postage-paid with proof of purchase (date and location of purchase) to:**

**Measurement Specialties, Inc.**  
**80 Little Falls Road**  
**Fairfield, NJ 07004**

This warranty does not cover defects resulting from abuse of unit, modification, alteration, repair or service of unit by anyone other than Measurement Specialties Inc., mishandling, improper maintenance, commercial use of the unit, or damages which occur in shipment or attributed to acts of God.

THIS WARRANTY IS THE ONLY ONE WE GIVE ON PARK-ZONE. IT SETS FORTH ALL OUR RESPONSIBILITIES REGARDING YOUR PARK-ZONE PARKING AID. THERE ARE NO EXPRESS WARRANTIES EXCEPT THOSE LISTED ABOVE. MEASUREMENT SPECIALTIES INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM USE OF THE PRODUCT, OR ARISING OUT OF BREACH OF THIS WARRANTY, INCLUDING THE WARRANTIES OF MERCHANTABILITY (AN UNWRITTEN WARRANTY THAT THE PRODUCT IS FIT FOR ORDINARY USE), AND FITNESS FOR PARTICULAR PURPOSE ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

**Service Out of Warranty**  
**Units will be repaired at 'out of warranty' service rates when:**

1. The unit's original warranty has expired.
2. Dated proof of purchase is not supplied.
3. The unit has been modified, or had its housing removed.
4. The unit has been abused or misused.

Purchase Date



# The Park-Zone® Owner's Manual